

**RHIC SHUTDOWN SCHEDULE – Rev. 1**

**RESULTS – 1700HRS MAY 2, 2003**

R. Zaharatos – April 30, 2003

**SHUTDOWN PERIOD: THURSDAY, MAY 1, 2003, 0800 TO 1200HRS(MOST SYSTEMS READY FOR BEAM BY 1130HRS)**

**AGS – CONTROLLED ACCESS FOR POLARIMETER(ONLY IF AGS IS OFF NO LATER THEN 0700HRS)**

**BOOSTER - NO ACCESS**

**LINAC – NO ACCESS**

**RHIC TUNNEL REMOTE CONTROLLED ACCESS PERIOD - 0815 to 1100hrs – HP surveys required for beam dump and injection line.**

**RHIC IR's – PHENIX/+SECT. 7 AND PHOBOS/REMOTE CONTROLLED ACCESS**

**STAR, BRAHMS, AND PP2PP/RESTRICTED ACCESS**

**PRIMAY JOBS:**

JOB STATUS CODE: **C** complete **IP** in-process **RS** reschedule  
**CAN** cancelled \* additions

**AGS RING**

**C** 1 CNI C15 Polarimeter work(1hr)

**AGS EXTERNAL**

**C** 1 Repair A/C unit in Fan Hse. D  
**C** 2 Repair ground fault on E10 Hse. A/C unit

**LINAC**

**C** 1 Polarized Source maintenance

## **RHIC TUNNEL**

- 1 P.S.'s – repairs(See List) – **MOST WILL BE DEFERRED UNTIL NEXT SHUTDOWN**
- C 2 Water phase transition checks and repairs – General inspection. I-02Q20 replace thermostat, bypassed now. Repair O-07Q7 and O-07Q13, marginal, check.

## **RHIC EXTERNAL**

- C 1 Y Arc P.S. at 1000P – check water mat interlock string(requires shutting down sub-station which feeds only this p.s.). (Phillips)
- C 2 Rebooting of Xterminal Host Server acnsun64. Will be done at 0820hrs and will effect the following users: STAR, BRAHMS, PHOBOS, OPPIS ATR and some individual users notified separately.

## **RHIC POWER SUPPLIES**

### **Water Phase Transition Checks and Repairs**

Rich C, Tom and Joe.

1. I-02Q20 – Replaced thermostat. - **Done**
2. O-07Q7 and O-07Q13, checked and were fine. - **Done**

### **Magnet Work** – Rich Meier - **Done**

Ceramic Feedthrough cleaning in sector 3 where ground fault was found.

### **Spin Rotator p.s. OFF problem and other work** – Gregg, Mitch, Rich K.

1. Alcove 5C yo5-rot3-2.3-ps control chassis to be replaced. - **Done**
2. Swap DC cables on the rear of the rotator p.s.'s in alcoves 5C and 7A.- **Done**
3. Label the rest of the circuit breakers. **ONLY 3C Left**
4. Re-label DC cables of rotators in 5C, 7A, 7C, 9A – **Not Done**

### **Main Power Supplies**- Carl and Fred

Connect new reference to 720Hz chassis.- **Done**

### **Quench Detectors**

Restart after Carl is done with 720Hz chassis work. – **No Need to do, they did not go down.**

### **Sextupole P.S.'s**

1. Bring up to 10A for 10min, re-train. – **No Need to do**
2. Run all up to 30A and look for trips. – **Not Done**

### **Check current regulator cards of bo3-qf6-ps and yo4-qf6-ps** -**Done**

### **Test input Module at 1000P**-Don – **Not Done**

**Corrector yo1-tv13-ps was swapped out (trpped to OFF state).** Brian and Gene  
Removed serial number 193 and installed serial number 066

**Bo3-qd3-ps Fiber optic interface card**  
Swapped out because of I/O difference error.

**Yi10-qd2-ps**  
Swapped out node card cable because of status problem.

**Quench Detector Work for snakes and rotators**  
Thresholds lowered and new ramp rates for p.s.'s given to MCR.